



Small Drinking Water Systems: Compliance Strategies

AUGUST 10 - 12, 2010, HILTON NETHERLAND PLAZA HOTEL, CINCINNATI, OH

Seventh Annual Drinking Water Workshop

Sponsored by the U.S. Environmental Protection Agency (USEPA)
in cooperation with the Association of State Drinking Water Administrators (ASDWA)

Preliminary Agenda

Last Updated: May 26, 2010

Tuesday, August 10, 2010		
8:00 am	Registration	
9:00 am	Welcome and Introduction <i>Sally Gutierrez, Director, National Risk Management Research Laboratory (NRMRL), Office of Research and Development (ORD), USEPA</i>	
9:10 am – 12:00 pm	Opening Session <i>Jim Taft, ASDWA, Moderator</i>	
9:10 am	Overview of Small Systems Compliance Violations	
9:40 am	What Our State Is Doing to Help Small Systems Achieve Compliance	
10:30 am	Break	
11:00 am	What Our State Is Doing to Help Small Systems Achieve Compliance	
11:25 am	EPA's New Strategy to Provide Protection from Contaminants in Drinking Water	
12:00 pm	Lunch (on your own)	
1:30 pm – 5:00 pm	Session IA – Arsenic <i>Tom Sorg, ORD, USEPA, Moderator</i>	Session IB – Microbial Control and Asset Management <i>Dr. Mark Rodgers and Dr. Tom Speth, ORD, USEPA, Moderators</i>
1:30 pm	Design and Operation of Arsenic Removal Coagulation/Filtration (C/F) Systems Treating High Total Organic Carbon (TOC) Waters	The Revised Total Coliform Rule – What Will It Really Mean?
2:00 pm	Regeneration of Full Scale Adsorptive Media Systems – Update	Detection Methods for Total Coliform (TC) and E. coli in Drinking Water – A Review
2:30 pm	Disposal of Regenerate Waste Water from Adsorptive Media Systems	Research Update – What We Know About Naturally-occurring Pathogens in Distribution Systems
3:00 pm	Break	
3:30 pm	Converting Adsorptive Media Systems to C/F Systems	Asset Management as a Path Forward to Sustainable Infrastructure
4:00 pm	Novel Non-Chemical Treatment System for Removing As III and Fe II	Check Up Program for Small Systems (CUPSS) – An Asset Management Tool for Small Communities
4:30 pm	Can Adsorptive Media Treatment Lead to Disinfection By-Products? – Case Study	Condition Assessment of Water Mains
5:00 pm	Adjourn — Cincinnati Reds / St. Louis Cardinals Baseball Game	

Wednesday, August 11, 2010

8:30 am – 10:00 am	Session IIA – Operators Forum <i>Tom Sorg, ORD, USEPA, Moderator</i>	Session IIB – Distribution Systems <i>Francine St. Denis, OW, USEPA, Moderator</i>
8:30 am	C/F Systems Removing Arsenic – <i>C/F & IR Systems Operators</i>	Understanding and Controlling Iron Release in Distribution Systems
9:00 am	Adsorptive Media (AM) Systems Removing Arsenic – <i>AM System Operators I</i>	Lead and Copper Control 101
9:30 am	Experience with Treatment Technology Removing Arsenic – <i>State Permiters</i>	Distribution System Nitrification 101
10:00 am	Break	
10:30 am – 12:00 pm	Session III – Drinking Water Treatment Fundamentals <i>Dr. Darren Lytle, ORD, USEPA, Moderator</i>	
10:30 am	Iron and Manganese Treatment Fundamentals	
11:00 am	Granular Activated Carbon (GAC) Treatment Fundamentals	
11:30 am	Disinfection Fundamentals	
12:00 pm	Lunch (on your own)	
1:30 pm – 5:00 pm	Session IV – Breakout Discussion Groups (5 Groups)	
1:30 pm	<u>Group 1</u> What can EPA regional offices do to provide assistance in improving small systems compliance?	<u>Group 2</u> To be determined.
	<u>Group 3</u> How should multi-labs results and other lab issues (e.g., detection limits) that impact compliance decisions be handled?	<u>Group 4</u> How can multiple contaminants be addressed as a group and what can EPA's ORD program do to help with small systems compliance?
	<u>Group 5</u> Ask the experts your pressing questions on treatment fundamentals	
3:30 pm – 5:30 pm	Reports of Breakout Groups (4 Groups) – 30 minutes discussion on each topic	
5:30 pm	Adjourn	

Thursday, August 12, 2010

8:00 am – 9:30 am	Session V – Small Systems Information and Assistance <i>Darrell Osterhoudt, ASDWA, Moderator</i>
8:00 am	SmallWaterSupply.org – Support for Small System Operators
8:30 am	National Environmental Services Center – Source of Small Systems Information
9:00 am	Overview of the USDA Programs to Help Small Drinking Water Systems
9:30 am	Break
10:00 am – 11:30 am	Workshop Wrap-Up <i>Moderated by USEPA and ASDWA</i>
11:30 am	Adjourn – Tour USEPA Facility